

TROCAR-CANNULA COMPLEX, CANNULA AND METHOD FOR DELIVERING FLUIDS DURING MINIMALLY INVASIVE SURGERY

Abstract of the Disclosure

A fluid delivery cannula which provides an interface between an access point or port in the body of a patient and a working channel which may receive tools or instruments used during minimally invasive surgery. The cannula allows introduction of fluid(s) at the port site, or
5 another site within the body of the patient. The fluid delivery cannula can releasably attach to a hub associated with a trocar assembly or may be integrally formed with at least a portion of the hub. In one form, an inner cannula member includes a grooved outer surface to define multiple fluid passages and a perforated outer layer is placed over the inner cannula
10 member. Another form provides an expandable sleeve that may itself comprise a cannula through which a trocar or trocar assembly is inserted or which may take the place of the perforated outer layer of the grooved cannula.